INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

Application Number	N/A
Filing Date	September 17, 2003
First Named Inventor	David M. Skinlo
Art Unit	N/A
Examiner Name	N/A
Attorney Docket number	Q137-US6

US PATENT DOCUMENTS

	Document Number	I			
Examiner Initials	Number - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
Dul	US-701,917	06-10-1902	Morrison		
1 ,V	US-2,463,565	03-08-1949	Ruben		
	US-2,562,215	07-31-1951	Ruben		
	US-3,245,837	04-12-1966	Ikeda et al.		
	US-3,373,060	03-12-1968	Gray		
	US-3,510,353	05-05-1970	McHenry		
	US-3,775,182	11-27-1973	Patton et al.		
	US-4,052,537	10-04-1977	Mallory		
	US-4,053,687	10-11-1977	Coibion et al.		
	US-4,053,692	10-11-1977	Dey		
	US-4,105,833	08-08-1978	Greatbatch et al.		
	US-4,226,920	10-07-1980	Armstrong		
	US-4,259,416	03-31-1981	Ikeda et al.		
	US-4,476,624	10-16-1984	Klein et al.		
	US-4,767,682	08-30-1988	Dorogi et al.		
	US-4,802,275	02-07-1989	Freluche		
	US-4,822,377	04-18-1989	Wolff		
	US-4,879,190	11-07-1989	Lundsgaard		
	US-4,942,101	07-17-1990	Audebert et al.		
	US-4,966,822	10-30-1990	Johnston		
	US-5,021,306	06-04-1991	Sauer et al.		
	US-5,008,161	04-16-1991	Johnston		
	US-5,047,068	09-10-1991	Stoklosa		
	US-5,116,698	05-26-1992	Sears		
ļ	US-5,306,581	04-26-1994	Taylor et al.		
<u> </u>	US-5,422,201	06-06-1995	Georgopoulos		
	US-5,571,632	11-05-1996	Teramoto		
	US-5,597,658	01-28-1997	Kejha		
 	US-5,667,912	09-16-1997	Georgopoulos		
<u> </u>	US-5,736,270	04-07-1998	Suzuki et al.		
	US-5,821,011	10-13-1998	Taylor et al.		
	US-5,912,089	06-15-1999	Kitano et al.		
 - - 	US-5,925,482 US-6,007,938	07-20-1999 12-28-1999	Yamashita Blancheton		
					
	US-6,020,084 US-6,033,795	02-01-2000	Romero et al. Broussely et al.		
	US-6,090,503	07-18-2000	Taylor et al.		
 	US-6,114,059	09-05-2000	Watanabe et al.		
	US-6.132.898	10-17-2000	Kawamura		
 	US-6.308.101 B1	10-23-2001	Faltys et al.		
 	US-2001/00490544 A1	12-06-2001	Enomoto et al.		
 	US-6.379,839 B1	04-30-2001	Inoue et al.		
 	US-6.379.403 B1	04-30-2002	Fukumura et al.		
 / 	US-6.387.561 B1	05-14-2002	Nemoto et al.		
1 2/ 1	US-6,432,574 B1	08-13-2002	Suzuki et al.		
1 N 4 //	US-2003/0022062 A1	01-30-2003	Wutz et al.		
					

Examiner Date Considered 2/2860

							Τ.						
								oplication Number	N/A	-117 00			
1	INF	ORMA	10IT	N DISC	LOSU	RE				nber 17, 20 M. Skinlo)3		
	STA	TEM	ENT I	BY AP	PLICA	NT		rst Named Inventor	N/A	VI. SKINIO			
	•	•• —						rt Unit	N/A N/A				
				 				xaminer Name		ICC			
Sheet	1	2	<u> </u>	of	L	2	Attorney Docket number Q137-US6						
						EIGN PATE	NŢ	DOCUMENTS			,		
Examiner Init	iels	Office	ereign Pa Numb	tent Docum er	Kind	Publication Date MM-DD-YYYY		Name of Patentee or Applicant Document		nt of Cited English Abstract		Entire Docu- ment	
(1) W	7	JP 58-030073 A2		A2	02-22-1983	\Box	Matsushita Electric Inc	. Co. Ltd.			· ·		
52		JP	2000 4	34875	A2	12-15-2000		Toyota Central Res & Dev Lab					
DU		CA	480,	611		01-29-1952		Ruben					
n-1	7 /	JP	59-0	42783	Α	03-09-1984	$\Box T$	Hitachi Maxell Ltd.				1	
//													
	/		i		1								
							Ť						
	٧						\neg						
			1										
												1	
-													
		-	1		 		_	· · · · · · · · · · · · · · · · · · ·	••	<u> </u>			
			_		 		_						
			'			OTHER DO	oci	UMENTS					
Examiner Initials	In	clude nan	ne of the	author (in (APITAL L	ETTERS), title of the te, page(s), volume-i	e artici issue	de (when appropriate), title of the number(s), publisher, cite and/	e item (book or country w	, magazine, jou nere published	nal, serial, syr	nposium,	
0~	Fac	ctory co	mplete	d from 3	E Labs	web page; <u>wwy</u>	w.3el	labs.com/pages/ft_c2.h	<u>tmi; 1 pa</u>	 8.	_		
Ding	Thr	ee E La	aborato	ories Inc.	homep	age; <u>www.3elat</u>	bs.co	om; 2 pages					
ont								s and feed throughs; w	w.3elabs	.com/pages	/ft c.html;	2 pages	
on								ry, BR425/2B; 2 pages					
v												•	
		-											
-					·								
	-	·				 							
	-												
L													
Examiner Signature		$\frac{1}{2}$	$\overline{\mathcal{I}}$	h	5 /	1		Pate Considered	>/:	28 10	7	. <u>-</u>	

						T							
	•			•	<u> </u>	Application Number 10/665,637 10 665 68					87		
						iling Date		Septemb	er 17, 2003				
i IN	FORM	ATION DISC	LOSU	RE			d inventor	David M.	Şkinlo				
S	CATEM	ENT BY API	PLICA	TV.		urt Unit		1745					
_					E	xaminer	Name	N/A					
Charak	1 1	of		1	1	Attorney C	ocket number	Q137-US	6				
Sheet			U	S PATEN	TDO	DOCUMENTS							
		Document Nun											
	Number -	Kind Code		_P	ublicati	ion D e le	Name o	l Patentee or A	pplicant of Cit	ad Document			
Diaminor Initials					MM-DD	-mix							
	US										-		
	US												
	บร												
	US												
	US -			· · · · · · · · · · · · · · · · · · ·									
	us												
	ÜS												
	us								<u>· · · · · </u>		·		
	US												
	US												
	US									· . –			
ļ	US US												
	us												
<u> </u>	Tus												
 :	ÚŠ								<u> </u>	<u> </u>			
	US												
	US					_	ļ						
	US				-		 						
_	US						 				· · .		
	US								٠.				
	US								·				
			FOR	EIGN PA	TEN	T DOCI	JMENTS		<u> </u>				
	F	oreign Patern Docu											
Examiner initial	Office	Number	Kind	Publication Dat MM-DD-YYYY				ent of Cited	English Abstract	Machine Trans- letion	Entire Docu- ment		
										<u> </u>			
						·			 	<u> </u>	 		
				<u> </u>		 		·			 		
			+			+		····	 	2. *			
		 	+	 		+			I				
	-	 	+	<u> </u>		1							
				OTHER	DOC	CUMEN	TS						
Examiner Initials	thelude no	imo of the author (in cata)	CAPITAL L	ETTERS), tide (te, page(s), válu	of the m	rlicia (when su e)nedmun eu	sppropriato), tills of th), publisher, cits and/	e Item (book, r or country whe	nagazine, jour re published	mei, seriel, syr	npasium,		
M	Internation	nal Preliminary	Examina	ation Report	, date	d 11-28-2	2003, received in	relation to	Applicatio	n No.			
		O () 330.											
										,			
		1		/	7			1.50	1.7		·		
Examiner Signature	W.) fri	1			Date Conside	red	/28.	0/				
									/				

"EXAMINER; Initial if retarence considered, whether or not citation is in conformance with MPEP 809. Drew line through distinct in a conformance and not considered, include copy of this form with next communication to applicant.

PAGE 4/14 * RCVD AT 3/1/2004 5:02:55 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:818 833 2065 * DURATION (mm-ss):03-22

		A 6770		Complete if Known				
Substitute	for form 1449	APIG		Application Number	10/665,687			
	INFORMATIO	N DISCLOS	URE	Filing Date	September 17, 2003			
		MENT BY A		First Named Inventor	SKINLO, David M.			
	(use as m	eny sheets	as necessary)	Art Unit	1745			
				Examiner Name	N/A			
Sheet	eet 1		4	Attorney Docket number	Q137-US6			

US PATENT DOCUMENTS Document Numbe Examiner Initials Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Number - Kind Code Nobuatsu Watanabe et al. US-3,536,532 10-27-1970 US-3,700,502 10-24-1972 Nobuatsu Watanabe et al. US-4,009,056 02-22-1977 Megahed et al. 11-08-1977 Rao US-4,056,885 US-4,091,188 05-23-1978 Dey US-4,121.020 10-17-1978 Epstein et al. 01-27-1981 Watanabe et al. US-4,247,60B 05-19-1981 US-4,268,587 Farrington et al. US-4,271,242 06-02-1981 Toyoguchi et al. 10-05-1982 Catanzarite US-4,352,867 05-24-1983 Catanzarite US-4,385,101 US-4,386,137 05-31-1983 Watanabe et al. US-4,391,729 07-05-1983 Liang et al. Bruder US-4,502,903 03-05-1985 US-4,539,272 09-03-1985 Boegel US-4,539,274 09-03-1985 Goebel 01-21-1986 Goebel et al. US-4,565,752 01-21-1986 Goebel et al. US-4,565,753 US-4,604,333 08-05-1986 lkeda et al. 05-29-1990 Catotti US-4,929,519 US-5,008,165 04-16-1991 Schmöde US-5,017,442 05-21-1991 Watanabe et al. US-5,114,811 05-19-1992 Ebel et al. US-5,147,747 09-15-1992 Post et al. US-5,344,724 09-06-1994 Ozaki et al. US-5,360,678 11-01-1994 Spillman et al. 06-13-1995 US-5,423,110 Gauthier et al. US-5,514,492 05-07-1996 Marincic et al. US-5,543,249 08-06-1996 Takeuchi et al. US-5,558,962 09-24-1996 Marincic et al. 12-17-1996 Mitchell US-5,584,893 US-5,795,680 08-18-1998 Ikeda et al. 09-08-1998 US-5,804,327 Oltman 04-06-1999 US-5,891,593 Keller et al. US-5,900,720 05-04-1999 Kaliman et al. 09-07-1999 US-5,948,563 Kawase et al. 10-12-1999 US-5,95,291 Pyszczed US-5,989,751 11-23-1999 Cotte et al. US-6,030,422 02-29-2000 Pyszczek US-6,042,957 03-28-2000 Oltman US-6,057,060 05-02-2000 Yu US-6,165,641 12-26-2000 Striebel et al.

Examined Signature Corrected Copy, Printed 7/9/2004

Date Considered 2/28/07

				Complete if Known						
Substitute for	r form 1449A/PT	0		Anni	inction Number	10/665,687				
			·n-		ication Number	September 17, 2003				
INI	FORMATION DIS STATEMEN					Date				
	(use as many s					Named Inventor	SKINLO, David M. 1745			
	•			Art Unit		N/A				
			·			miner Name	Q137-US6			
Sheet	2	of	4		Atto	ney Docket number	Q137-036			
04/	US-6,180,285	31		01-30-2001 Yoshida et al.						
14	US-6,190,803			02-20-200		Tomiyama et al.				
	US-6,225,007			05-01-200		Horne et al.				
	US-6,225,007	31		05-01-200		Horne et al.				
	US-6,228,536			05-08-200		Wasynczuk				
	US-6,242,129		 	06-05-200		Johnson				
	US-6,245,452			06-12-200		Oltman				
	US-6,265,099		<u>-</u>	10-18-200		Gauthier et al.				
	US-2001/0031398 A1					Hashimoto et al.				
	US-2001/0033			10-25-200		Kawai et al.				
 	US-6,319,627			11-20-200		Snyder et al.				
 	US-2001/0044			11-22-200		Gan et al.	······································			
	US-2002/0004		····	01-10-2002		Yamaguchi Okochi et al				
	US-6,348.282			02-19-200						
—	US-2002-0076		,,	06-20-200		Akashi et al.				
-	US-6,410,187			06-25-200		Yamada et al.				
	US-6,410,180			10-01-200						
	US-6,458,490 US-2002/0146			10-10-200		Hommura et al. Komatsu et al.				
	US-2002/0187			12-12-200		Johnson et al.				
	US-6.503.646			01-07-200		Ghantous et al.				
	US-6,503,657			01-07-200						
	US-6,506,514			01-14-200		Endo et al.				
	US-2003/0089			02-27-200	_	Park et al.				
	US-2003/0104			06-05-200		Xing et al.				
	US-6,576,365			06-10-2003		Meltav et al.				
	US-2003/0113			06-19-2003	 3	Paulot et al.				
	US-2003/0134	191 A1		07-17-2003	3	Buckle et al. Leising et al. Takeuchi et al.				
	US-2003/13869	97 A1	• • • • • • • • • • • • • • • • • • • •	07-24-2003	3					
	US-2003/0198	368 A1		10-23-2003	3					
	US-6,641,953	32		11-03-200	3	Takeuchi et al.				
	US-6,667-132	B2 :		12-23-200	3	Okochi et al.				
	US-2004/0290	05 A1		02-12-2004	3	Leising et al.				
	U\$-2004/0048	148 A1		03-11-2004	1	Skinlo				
/	US-2004/0053	15 A1		03-18-2004	1	Skinlo				
	US-2004/0053	19 A1		03-18-2004	1	Tsukamoto et al.				
	US-2004/0053			03-18-2004	1	Tsukamoto et al.				
<u> </u>	US-2004/0053	117 A1		03-18-2004 03-18-2004		Tsukamoto et al.				
	US 2004/0049908 A1					Tsukamoto et al.				
1	US-2004/0055			03-25-2004		Tsukamoto et al.				
راكات	US-2004/0058	236 A1		03-25-2004	1	Tsukamoto et al.				
		Λ	0				·			
	711	/	1/	1.						
Examiner Signature		Ĺ.	7	Dat	e Isidere	ad 2/	2815			
	y. Printed 7/9/2004				.5.4616	~				

				Complete if Known					
Substitute	for form 1449A/F	PTO		Application Number	10/665,687				
	INFORMATION I	DISCLOSE	IRE	Filing Date	September 17, 2003				
	STATEME	NT BY AF	PLICANT	First Named Inventor	SKINLO, David M.				
	(use as man	y sheets a	s necessary)	Art Unit	1745				
				Examiner Name	N/A				
Sheet	3	of	4	Attorney Docket number	Q137-US6				

FOREIGN PATENT DOCUMENTS Machine Trans-Entire Docu-Foreign Patent Document Publication Date MM-DD-YYYY Name of Patentae or Applicant of Cited English Abstract Examiner Initials Office Kind Number Х X Matsushita Electric Ind. Co. JP 01151150 Α 06-13-1989 Ltd. 02-28-1991 Ignacio et al. JP. 3046772 A2 04-18-1991 JP 03-093156 A2 Kiyoshi et al. 3222257 A2 10-01-1991 Toru et al. JP 07-28-1992 Kenji et al. JP 4206366 A2 JP 7249403 **A2** 09-26-1995 Hiroyoshi JP 9330707 A2 12-22-1997 Kouji 10-27-1998 Tetsuya et al. JP 10289708 A2 J JP 11260372 A2 09-24-1999 Sanehiro et al. JP 11-329444 11-30-1999 Shin Kobe Electric Mach Co х X х Ltd 2000036324 09-02-2000 .IP Α Minako et al. EΡ 0942484 **B**1 05-16-2001 Yamaguchi wo 02/078113 **A1** 10-03-2002 Shibamoto et al. 03-26-2003 Wilson Greatbatch х EP 01296389 A₁ Technologies, Inc. X X WO 03-061038 A1 07-24-2003 Quallion LLC wo 03-061051 <u>A1</u> 07-24-2003 **Quallion LLC** Wilson Greatbatch X 07-30-2003 ΕP 01331683 A2 Technologies, Inc. wo 03/096446 A1 11-20-2003 Hitachi Maxell Ltd. X X EP. 1388905 A2 02-11-2004 Wilson Greatbatch X Technologies, Inc. **OTHER DOCUMENTS** Include name of the author (in CAPITAL LETTERS), title of the cridic (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit A. RAWLE, "Basic Principles of Particle Size Analysis," Malvern Instruments Limited, downloaded from http://www.malvern.co.uk/malvern/rw_malvern.nsf/vwa_docref/fWTM%20particle%20size, no date. Table 14.4 Cathode Materials Used in Lithium Primary Batteries Unpublished International Application PCT/US03/21343, Applicant Quallion LLC, Inventors Lam et al., International Filing Date 09 July 2003. Preliminary Amendment filed in USSN 10/666,873, Tsukamoto et al., filing date September 17, 2003. Examine Date Signature Considered

				Complete if Known				
Substitute for	r form 1449A/PT	0		Application Number	10/665,687			
IN!	FORMATION DI	SCLOS	JRE	Filing Date September 17, 2003				
	STATEMEN	T BY AF	PLICANT	First Named Inventor SKINLO, David M.				
	(use as many s	sheets a	s necessary)	Art Unit	1745			
				Examiner Name	N/A			
Sheet 4 of 4			4	Attorney Docket number	Q137-US6			
Out	Preliminary Amendment filed in USSN 10/478,706, Nakahara et al., filing date November 19, 2003.							
Preliminary Amendment filed in USSN 10/484,474, Tsukamoto et al., filing date January 20, 2004.								
<u>~~</u>								

Examiner Signature			y	Date Considered	2/5	815	7
Corrected Cop	y, Printed 7/9/200	140 oc					

Sheet 1 of 1 Altomoto Discussion Number 10/656.587 Sheet 1 of 1 Altomoto Document Number 17, 20/3 Sheet 1 of 1 Altomoto Document Number 17, 20/3 Sheet 1 of 1 Altomoto Docke number 0/37-US6 US PATENT DOCUMENTS US PATENT DOCUMENTS US - 373,080 0 33-12-1988 GRAY US - 388 0													
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Figin Named Inventor Hissash Tsukamoto et al. Art Unit 1745 Examiner Name N/A Art Unit 1745 Examiner Name N/A At Unit 1745 Document Number Not Code Publication Date MANDO-YYYY US-3,373,060 03-12-1968 GRAY US-3,373,060 03-12-1968 GRAY US-3,373,060 GRAY US-3							Applicatio	n Number	10/665 687				
STATEMENT BY APPLICANT First Named Inventor Hissahi Tsukamoto et al.					-								
STATEMENT BY APPLICANI Art unit 1745 Examiner Name NAA									Hisashi Tsukamoto et al.				
Examiner Indias Examiner Indias Examiner In	S`	TATEM	ENT BY AP	PLICA	NT								
Sheet 1 of 1 Attorney Docket number 0137-US6 US DOCUMENTS DOCUMENTS DOCUMENT Number Ford Code Publication Date MAN-DD-YYYY Number Ford Code Document MAN-DD-YYYY Number Ford Document MAN-DD-YYYY Number Ford Document MAN-DD-YYYY Number Ford Document MAN-DD-YYYY Number Ford Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear English Machine Document MAN-DD-YYYY Name of Patenties or Applicant of Clear Document MAN-DD-YYYY Name of Patenties or Applicant of Clear Document MAN-DD-YYYY Name of Patenties or Applicant of Clear Document MAN-DD-YYYY Name of Patenties or Applicant of Clear Document MAN-DD-YYYY Name of Patenties or Applicant of Clear Document MAN-DD-YYYY Name of Patenties or Applicant of Clear Document MAN-DD-YYY Name of Patenties or Applicant of Clear Document MAN-DD-YYY Name of Patenties or Applicant of Clear Document MAN-DD-YYY Name of Patenties or Applicant of Clear Document MAN-DD-YYY Name of Patent								Name					
US PATENT DOCUMENTS Document Number Document Number	Sheet	1 1	of	Τ	1								
Document Number N	<u> </u>			L	IS PAT	ENT							
US-3,373,060 US-3,373,060 US-1968 GRAY US US US US US US US US US U			Document Nur				:	T					
US-3,373,060 O3-12-1968 GRAY	Evanion	Number	Kind Code			Publication Date Name of Patentoo or Applicant of Cited Document							
US U						MM	DD-YYYY			***************************************			
US U			3,060			03-12	2-1968 GRAY						
US U	X												
US U	-//												
US U								ļ					
US U						<u> </u>							
US U	<u> </u>							}					
US U	ļ. 							 					
US U	ļ				·			 				···	
US U							*	 					
US U						 -							
US U						· · · · · ·							
US U						· · · · ·							
US FOREIGN PATENT DOCUMENTS Foreign Potent Document Full Document Foreign Potent Document Foreign Macching Foreign Potent Document Fore		US											
US FOREIGN PATENT DOCUMENTS Foreign Potent Document Office Number Kind MM-DD-YYYY Name of Potenties or Applicant of Cited English Machine Translation MM-DD-YYYY Name of Potenties or Applicant of Cited Document Translation Translation OTHER DOCUMENTS Examiner Include name of the author (in CAPITAL LETTERS), little of the etricle (when appropriate), title of the item (book, magazine, journal, sorial, symposium, catalog, etc.), date, pege(s), volume-issue number(s), publisher, cite and/or country where published. Examiner													
US US US US US US US US FOREIGN PATENT DOCUMENTS Foreign Potent Document Foreign Potent Document Publication Date MM-DD-YYYY MM-DD-YYYY MM-DD-YYYY Name of Potenties or Applicant of Cited English Abstred Translation Instruction Date MM-DD-YYYY Translation Office Number FOREIGN PATENT DOCUMENTS Foreign Potent Document Foreign Potent Document Foreign Potent Document Office Number Foreign Potent Document Foreign Potent Document Translation Translation Translation Translation Translation Examiner Examiner Freducte name of the author (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the item (book, megazine, journal, sorial, symposium, caladog, etc.), daile, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner						<u> </u>		ļ					
US US US US US US US US FOREIGN PATENT DOCUMENTS Foreign Petent Document Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited English Abstract Translation ment Office Number Kind Publication Date MM-DD-YYYY OTHER DOCUMENTS Examiner Include name of the author (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the item (book, megazine, journal, sarial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite ansfor country where published Examiner						ļ							
US US US FOREIGN PATENT DOCUMENTS Foreign Potent Document Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited English Abstract Property Pro						<u> </u>							
US US US FOREIGN PATENT DOCUMENTS Foreign Patent Document Foreign Patent Document Publication Date MMM-DD-YYYY Name of Patenties or Applicant of Cited English Abstract Transplation MMM-DD-YYYY Name of Patenties or Applicant of Cited English Abstract Transplation MMM-DD-YYYY OTHER DOCUMENTS Examiner Include name of the author (in CAPITAL LETTERS), late of the erticle (when appropriate), title of the item (book, magazine, journal, sarial, symposium, callating, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner								ļ 					
US US FOREIGN PATENT DOCUMENTS Foreign Potent Document Publication Date MM-DD-YYYY Name of Patentse or Applicant of Cited Document Translation Trans													
Foreign Patent Document Examiner Initials Office Number Kind Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Office Number Kind Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Transistion Machine Transistion OTHER DOCUMENTS Examiner Include name of the author (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner	ļ					ļ		 					
Examiner Initials Foreign Patent Document Office Number Kind Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited English Abstract Translation ment OTHER DOCUMENTS Examiner Initials Translation Translation Cited English Abstract Translation ment OTHER DOCUMENTS Examiner Initials Examiner Initials Examiner Initials Include name of the author (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the item (book, megazine, journal, sorial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner									·				
FOREIGN PATENT DOCUMENTS Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited English Abstract Translation Translation Document Do								 					
Examiner Initials Foreign Potent Document				FOR	FIGN I	ATE	NT DOC	JMENTS					
Examiner Industs Office Number Kind Publication Date MM-DD-YYYY Name of Potentee or Applicant of Cited English Abstract Translation Mental Document OTHER DOCUMENTS Examinor Include name of the author (in CAPITAL LETTERS), little of the erricle (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date Date		Fo	reign Patent Docum							T		Ι	
Office Number Kind MM-DD-YYYY Document Abstract Trans- Boou-ment OTHER DOCUMENTS Examinor Initials Include name of the author (in CAPITAL LETTERS), little of the erticle (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner Date Date	Framiner Initials				Publica	tion Date	Name	of Patentee of Applica	nt of Cited	English	Machine	Entire	
OTHER DOCUMENTS Examinor Indicate name of the author (in CAPITAL LETTERS), little of the erticle (when appropriate), title of the item (book, magazine, journal, sorial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner Date Date		Office	Number	Kind	MM-D	D-YYYY		Document		Abstrect	Trens-	Docu-	
OTHER DOCUMENTS Examinor Induction name of the author (in CAPITAL LETTERS), title of the erricle (when appropriate), title of the item (book, megazine, journal, sarial, symposium, catalog, etc.), date, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date				T						 	lation	ment	
OTHER DOCUMENTS Examinor Induction name of the author (in CAPITAL LETTERS), title of the erricle (when appropriate), title of the item (book, megazine, journal, sarial, symposium, catalog, etc.), date, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date	<u> </u>			 	 	-	+			 		 	
OTHER DOCUMENTS Examinor Induction name of the author (in CAPITAL LETTERS), title of the erricle (when appropriate), title of the item (book, megazine, journal, sarial, symposium, catalog, etc.), date, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date		-	 	┼	 					-		 	
OTHER DOCUMENTS Examinor Induction name of the author (in CAPITAL LETTERS), title of the erricle (when appropriate), title of the item (book, megazine, journal, sarial, symposium, catalog, etc.), date, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date				1	 					 		 	
Examinor Include name of the author (in CAPITAL LETTERS), little of the erricle (when appropriate), title of the item (book, magazine, journal, sorial, symposium, catalog, etc.), data, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date	h	1	 	1	1		—			İ		 	
Examinor Include name of the author (in CAPITAL LETTERS), little of the erricle (when appropriate), title of the item (book, magazine, journal, sorial, symposium, catalog, etc.), data, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date		- 		1	1					i		1	
Examinor Include name of the author (in CAPITAL LETTERS), little of the erticle (when appropriate), title of the item (book, magazine, journal, sorial, symposium, callalog, etc.), data, page(s), volume-issue number(s), publisher, cite and/or country where published Examiner Date	·	 	1										
Examinor Include name of the author (in CAPITAL LETTERS), little of the erricle (when appropriate), title of the item (book, magazine, journal, sorial, symposium, catalog, etc.), data, page(s), volume-issue number(e), publisher, cite and/or country where published Examiner Date			<u> </u>		OTH	R DC	CUMEN	TS					
catalog, etc.), date, page(s), volume-issue number(s), publisher, cité andor country where publishes Examiner Date													
catalog, etc.), date, page(s), volume-issue number(s), publisher, cité andor country where publishes Examiner Date	Evaminor	Include nan	ne of the author (in t	CAPITALI	FTTERS	idle of the	erticle (when a	ecoropriate), title of the	item (book, r	nsoazine. lour	nal, soria), syn	ncosium.	
Examiner Signature Date Censidered 7-8/07			catalo	p, etc), cta	te, page(s)	volume-is	sue number(s)	, publisher, cite and/or	country when	e published			
Examiner Signature Date Censidered 7-8/07													
Examiner Signature Date Censidered 7-8/07													
Examiner Signature Date Censidered 7-8/07													
Examiner Signature Date Censidered 7-8/07													
Examiner Signature Date Censidered 7>8/07													
Examiner Signature Date Censidered 7>8/07	1 1												
Examiner Signature Date Censidered 7 > 8/07	·		Λ	-									
Examiner Signature Date Censidered 7 > 860		11	\ //		111					//-	7		
Signature Censidered / UCO	Examiner		\ //		4		Date		-	1/3	/		
		V	16M	2				red /	U	00			
				/				•			,	•	

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.